



# Replacement Sheet

## FIGURE 1A

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*      +
SEQ ID NO:11 MSSTQDYIGE-----
SEQ ID NO:02 MLLTKPYLSNLLPVPSPPPSGPTLSSNHSPLAAPTCTCR-RSRLRISATSTAAPSPSSAA
SEQ ID NO:04 MLLAKPHLSSSSF-LPSTRVSSPAPGNHAKPIAASPAP-RRCLRLAVTSAAPAAASSAE
SEQ ID NO:06 MMAG---AAKTLTNLCPSFPFTKPQNQLTTSHPSTRLRHRAISAVANAAQPPPLAAA
SEQ ID NO:08 MLLTKPH---PALTLPSASLPNPNLKAARVRPLASSAPHGRRGLRV---SASSSSLAPAQ
SEQ ID NO:12 MXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1
60
+      +
SEQ ID NO:11 ---EAATRVKILSEALPYIQHAFAGRTVVVKYGGAAAMKDSNLKDKVIRDIVFMASVGIRPV
SEQ ID NO:02 AATASLSRVDVLSEALPFIQRFKGTVVVKYGGAAAMKSPELQASVIRDLVLLSCVGLRPV
SEQ ID NO:04 AA-AALS RVDVLSEALPFIQRFKGTVVVKYGGAAAMKSPELQASVIRDLVLLSCVGLHPV
SEQ ID NO:06 TATEGQYRVDVLSESLPFIQKFRGKTIVVKYGGAAAMKSPELQASVINDLVLLSCVGLRPV
SEQ ID NO:08 AASALNRVDVLSEALPFIQRFKGTVVVKYGGAAAMKSPELQASVIRDLVLLSCVGLRPV
SEQ ID NO:12 XAXXXXXRVDVLSEXL PFIQFXGKTXXVKYGGAAAMKSPELQASVIXDLVLLSCVGLXPV
61
120
+      +      +
SEQ ID NO:11 VVHGGGPEINTWLDKVGIEPQFKDGLRVTDAATMDIVEMVLVGRVNKELVNLINQAGGKA
SEQ ID NO:02 LVHGGGPEINSWLLRVGVEPQFRDGLRVTDALTMVEVEMVLVGKVNKNLVSLINIAGGTA
SEQ ID NO:04 LVHGGGPEINSWLLRVGVEPQFRNGLRVTDALNMEVEMVLVRKVNKELLSLIKLPGCSA
SEQ ID NO:06 LVHGGGPEINSWLGRLNIPAVFRDGLRVTADTMEIVSMVLVGKVNKTLVSLINKAGATA
SEQ ID NO:08 LVHGGGPEINSWLQRVGVXPQFRNGLRVTXXXXXXXXXXXXXXXXXKQLSLIRPAGTTA
SEQ ID NO:12 LVHGGGPEINSWLXRXRXRXRXRXRXRXRXRXRXRXRXRXRXRXRXRXRXRXRXRXRXRX
121
180
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Replacement Sheet  
FIGURE 1B

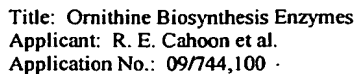
SEQ ID NO:11 \* + \*\* + + \*\* \* + \*\* + + \*\*\*\* \* \*\*\* \*\* +  
VGLCGKDGQMLTARTMTN-KDVGFGVEVSSVDARVVETLVKSGYIPVISSVAADFCQAH  
SEQ ID NO:02 IGLCGKDARLITARPSPNAAALGFVGEVSRVDATVLHPHIIAAGHIPVIATVAADETGQAY  
SEQ ID NO:04 VSLCWKEARLLNERPSPXKEKGLRFVGGVWRVDATVLHPHIIASGHIPVIATVGADETGQAY  
SEQ ID NO:06 VGLSGMDGRLLTARPAPKAADLGYVGEVARVDPVAVLSLIDTSHIPVVTSSVAADSESGQPY  
SEQ ID NO:08 VGLCRKDGRIILTERPSPDAAALGFVGEVTRKNPSVLHPHIIASSHIPVIATVAADETGQAY  
SEQ ID NO:12 XXLXXXXXXRRPXPXXXXLXXVGVXVRRXXXXVLXXIXXXHIPVXXXXVXADEXGXXY  
181 240

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NINADTCAGELAAALGAEKLLITDTRGILRDYKDPSTLIHKLDIQARELIGSIVAGG  
SEQ ID NO:11 NINADTAAGEIAAAVGAEKLLLLTVDVSGILADRNPDGSLVKVVDIAGVRKMVADGKVAGG  
SEQ ID NO:02 NINADTAAGEIAAAVGAEKLLLLTVDVSGILADRNPDGSLVKEIDIAGVRQMVADGQVAGG  
SEQ ID NO:04 NINADTVAGELAAALGAEKLLITDVAAGILEDRNDPDSLVKKIDIKGVKKMEDGKVGGG  
SEQ ID NO:06 NINADTAAGEIAAAIGAEKLLLLITDVSIGILADRDGSLVKEIDIAGVRRMVAEGKVGGG  
SEQ ID NO:08 NINADTXAGEXAAXXGAEKLLXLTVDVXGILXDRXDPXSLVKKXXDIXGVRXMXXXGXVXGG  
241 300

\*\*\*\*\* \*\* \*\*\*\*\* + \*\* + \*\* + \*\* + \*\* + \*\* + \*\* + \*\* +  
MIPKVTCCVRSLAQGVRAAHILDGRPLPHALLLEVFDTLIGSMIVASGYDL  
SEQ ID NO:11 MIPKVECCVHALAQGVHTASIIDGRVPHSLLLEILTDEGTGTMITG-----  
SEQ ID NO:02 MIPKVECCVRSLAQGVHTASIIDGRVPHSLLLEILTDEGTGTMITG-----  
SEQ ID NO:04 MIPKVECCVRSLAQGVHTASIIDGRVPHSLLLEILTDEGTGTMITG-----  
SEQ ID NO:06 MIPKVECCVRSLAQGVHTASIIDGRVPHSLLLEILTDEGTGTMITG-----  
SEQ ID NO:08 MIPKVECCVRSLAQGVHTASIIDGRVPHSLLLEILTDEGTGTMITG-----  
SEQ ID NO:12 MIPKVECCVXXLAQGVHTASILDGRVPHSLLLEILTDEGTGTMITG-----  
301 351







**Annotated Sheet Showing Changes**

* + ** ++ +++ ++++	VGLCGKDGQLMTARTMTN-KDVGFVGEVSVDARVVETLVKSGYIPVISSVAADFFGQAH IGLCGDARLJTARPSNAALGFVEVSRVDATVLHPHIIAAGHIPVIATVAADETGQAY VSLCWKEARLLNERPSPXKEGLRFVGWVRVDATVLHPHIIASGHIPVIATVGADETGQAY VGLSGMDGRLLTARPAPKAADLG YVGEVARVPDLRSLIDTSHIPVVT SVAADESGQP Y VGLCRKDGRILLTERPSPDAAALGFVGEVTRKNPSVLHPHIIASSHIPVIATVAADETGQAY XXLXXXXXRRLXXXXRPXPXXXXLXXVGVXRXRXRXRXRXIXXXXHIPVXXXXVXADEXGX Y
181	X changed for X
240	

[illegible]

SESEQ	ID NO: 11	MIPKVTCCVRS	LAQGVRAAH	ILDGR	LPHALL	LEVFT	DLGIGSM	IVASGYDL	
SESEQ	ID NO: 02	MIPKVECCV	HALAQGVHT	ASIIDGR	VPHSLL	LEILT	DEGTG	TMITG----	
SESEQ	ID NO: 04	MIPKVECCV	RALAQGVHT	ASIIDGR	VPHSLL	LEILT	DEGTG	TMITG----	
SESEQ	ID NO: 06	MIPKVNCCV	RSLAQGVIT	ASIIDGR	VPHSLL	LEILT	DEGAG	TMITG----	
SESEQ	ID NO: 08	MIPKVGCCV	RALAQGVHT	ASIIDGR	VPHSLL	LEILT	DEGTG	TMITG----	
SESEQ	ID NO: 12	MIPKVXC	CVXXLAQGV	XITAS	ILDGR	VPHSLL	LEILT	DEGXG	TMITG----
		301							351